

**PATTERSON &  
SHERIDAN, LLP**  
ATTORNEYS AT LAW

**RECEIVED  
CENTRAL FAX CENTER**

**SEP 28 2005**

3040 Post Oak Blvd, Suite 1500  
Houston, TX 77056-6582  
TEL 713.623.4844  
FAX 713.623.4846

## **FACSIMILE COVER SHEET**

**DATE:** September 28, 2005  
**FILE NO:** AVAN/001106  
**TO:** EXAMINER PHU VU  
**FAX NO:** 571-273-8300  
**PHONE NO:**  
**COMPANY:** USPTO  
**FROM:** ROBB EDMONDS  
**PAGE(S) with cover:** 9  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### **RESPONSE TO FINAL OFFICE ACTION DATED JULY 14, 2005**

**TITLE:** LIQUID CRYSTAL DEVICE AND METHOD FOR OPTICAL PERFORMANCE MONITORING IN FIBER OPTIC COMMUNICATION SYSTEMS  
**U.S. SERIAL NO.:** 10/637,115  
**FILING DATE:** AUGUST 8, 2003  
**INVENTOR:** HAIJUN YUAN, ET AL.  
**EXAMINER:** PHU VU  
**GROUP ART UNIT:** 2871  
**CONFIRMATION NO.:** 3827

### **CONFIDENTIALITY NOTE**

The document accompanying this facsimile transmission contains information from the law firm of Patterson & Sheridan, L.L.P. which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

399124\_1

RECEIVED  
CENTRAL FAX CENTER

002/009

**SEP 28 2005**

**PATENT**  
Atty. Dkt. No. AVAN/001106

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**  
**Haijun Yuan, et al.**

**Serial No.: 10/637,115**

Confirmation No.: 3827

**Filed: August 8, 2003**

**For: Liquid Crystal Device and Method  
For Optical Performance  
Monitoring In Fiber Optic  
Communication Systems**

www.pearsoned.com

Group Art Unit: 2871

Examiner: Phu Vu

**Customer No.: 47389**

**MAIL STOP AF**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**CERTIFICATE OF FACSIMILE  
TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number (571) 273-8300 to the attention of the named Examiner, on the date below.

9/28/2005  
Date

Signature

**Dear Sir:**

**RESPONSE TO FINAL OFFICE ACTION DATED JULY 14, 2005**

In response to the Final Office Action dated July 14, 2005, having a shortened statutory period for response set to expire on October 14, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/001106/RE for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**A Listing of the Pending Claims** begins on page 2 of this paper. **Remarks** begin on page 5 of this paper.